

ABSTRACT

The invention discloses a powder filling device and method which is capable of making stable powder flow rate, preventing powder from being leaked or dispersed during filling operation, and filling the powder in a short time in a new powder filling system filling the powder from a measuring tank to a powder filling container. The powder filling device comprises a measuring tank having a powder discharge port and a filling amount control unit disposed near the powder discharge port, and an auxiliary container having an opening disposed on the underside of the powder discharge port of the measuring tank which faces downward. The powder filling device is characterized in that a powder externally delivered into the measuring tank is discharged from the powder discharge port into the powder filling container disposed on the underside of the auxiliary container while a filling amount of the powder is controlled by the filling amount control unit, and the powder is temporarily dropped to the auxiliary container, and further dropped to the powder filling container so that the powder filling container is filled up with the powder.